

Abstract

5 Speech Analyzing Stage and Method
 for Analyzing a Speech Signal

10 A speech analyzing stage (12) and a method for analyzing a speech signal is described. The speech analyzing stage (12) is part of an automatic speech recognition system (10) and is adapted for analyzing in the spectral domain a speech signal sampled at one of at least two different system sampling rates. The speech analyzing stage (12) comprises a first spectral analyzer (18a) for analyzing the speech signal up to a first frequency (f_{lowest}) which is preferably derived from the lowest system sampling rate ($2 \times f_{lowest}$) and a second spectral analyzer (18b) for analyzing the speech signal at least above the first frequency (f_{lowest}).
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20 (Fig. 3)

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